

SEQUENCE LISTING

<110> INCYTE GENOMICS, INC.

LAL, Preeti

TANG, Y. Tom

YUE, Henry

BAUGHN, Mariah R.

LU, Dyung Aina M.

<120> ELECTRON TRANSFER PROTEINS

<130> PF-0723 PCT

<140> To Be Assigned

<141> Herewith

<150> 60/143,816

<151> 1999-07-14

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<213> Homo sapiens

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Trp	Arg	Gly	Gly	Phe	Ala	Trp	Asn	Gly	Ser	Ile	Tyr	Met	Phe	Asn
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Trp	His	Pro	Val	Leu	Met	Val	Ala	Gly	Met	Val	Val	Phe	Tyr	Gly
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Gly	Ala	Ser	Leu	Val	Tyr	Arg	Leu	Pro	Gln	Ser	Trp	Val	Gly	Pro
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Lys	Leu	Pro	Trp	Lys	Leu	Leu	His	Ala	Ala	Leu	His	Leu	Met	Ala
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Phe	Val	Leu	Thr	Val	Val	Gly	Leu	Val	Ala	Val	Phe	Thr	Phe	His
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Asn	His	Gly	Arg	Thr	Ala	Asn	Leu	Tyr	Ser	Leu	His	Ser	Trp	Leu
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Gly	Ile	Thr	Thr	Val	Phe	Leu	Phe	Ala	Cys	Gln	Trp	Phe	Leu	Gly
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Phe	Ala	Val	Phe	Leu	Leu	Pro	Trp	Ala	Ser	Met	Trp	Leu	Arg	Ser
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Leu	Leu	Lys	Pro	Ile	His	Val	Phe	Phe	Gly	Ala	Ala	Ile	Leu	Ser
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Arg	Leu	Phe	Thr	Val	Tyr	Pro	Ser	Thr	Lys	Val	Tyr	Phe	Pro	His	
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Leu	Ser	Ala	Cys	Gln	Asp	Ala	Thr	Gln	Leu	Leu	Ser	His	Gly	Gln	
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Arg	Met	Leu	Ala	Ala	Val	Gly	Ala	Ala	Val	Gln	His	Val	Asp	Asn	
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Leu	Arg	Ala	Ala	Leu	Ser	Pro	Leu	Ala	Asp	Leu	His	Ala	Leu	Val	
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Leu	Arg	Val	Asp	Pro	Ala	Asn	Phe	Pro	Leu	Leu	Ile	Gln	Cys	Phe	
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His	Val	Val	Leu	Ala	Ser	His	Leu	Gln	Asp	Glu	Phe	Thr	Val	Gln	
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Met	Gln	Ala	Ala	Trp	Asp	Lys	Phe	Leu	Thr	Gly	Val	Ala	Val	Val	
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Glu	Glu	Glu	Glu	Lys	Ser	Gly	Leu	Gly	Ala	Lys	Ile	Pro	Val	Thr	
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Ile	Ile	Thr	Gly	Tyr	Leu	Gly	Ala	Gly	Lys	Thr	Thr	Leu	Leu	Asn	
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Tyr	Ile	Leu	Thr	Glu	Gln	His	Ser	Lys	Arg	Val	Ala	Val	Ile	Leu	
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Ser	Gln	Gly	Gly	Glu	Leu	Tyr	Glu	Glu	Trp	Leu	Glu	Leu	Arg	Asn	
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Gly	Cys	Leu	Cys	Cys	Ser	Val	Lys	Asp	Asn	Gly	Leu	Arg	Ala	Ile	
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Glu	Asn	Leu	Met	Gln	Lys	Lys	Gly	Lys	Phe	Asp	Asp	Ile	Leu	Leu	
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Glu	Thr	Thr	Gly	Leu	Ala	Asp	Pro	Gly	Ala	Val	Thr	Ser	Met	Phe	
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Trp	Val	Asp	Ala	Glu	Leu	Gly	Ser	Asp	Ile	Tyr	Leu	Asp	Gly	Ile	
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Asn	Lys	Asp	Asn	290	His	Cys	Met	Glu	295	Ile	Arg	Leu	Lys	300
Val	Ser	Ile	Lys	305	Asp	Lys	Ser	Gln	310	Val	Ile	Val	Gln	315
His	Glu	Leu	Tyr	320	Asp	Leu	Glu	Glu	325	Pro	Val	Ser	Trp	330
Asp	Thr	Glu	Arg	335	Thr	Asn	Arg	Leu	340	Leu	Leu	Gly	Arg	345
Asp	Lys	Asp	Ile	350	Leu	Lys	Gln	Leu	355	Ile	Ala	Thr	Val	360
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<213> Homo sapiens

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Pro	Ala	Asp	Ile	50	Ser	Thr	Gly	Ile	55	Tyr	Gly	Trp	Ala	60
Gly	Ser	Gly	Asp	65	Val	His	Lys	Met	70	Val	Ser	Ile	Gly	75
Pro	Tyr	Tyr	Lys	80	Asn	Thr	Lys	Lys	85	Ser	Met	Glu	Thr	90
His	Thr	Phe	Lys	95	Glu	Asp	Phe	Tyr	100	Gly	Ile	Leu	Asn	105
Ile	Val	Gly	Tyr	110	Leu	Arg	Pro	Glu	115	Lys	Asn	Phe	Asp	120
Ser	Leu	Ile	Ser	125	Ala	Ile	Gln	Gly	130	Asp	Ile	Glu	Glu	135
Arg	Leu	Glu	Leu	140	Pro	Glu	His	Leu	145	Lys	Ile	Glu	Asp	150
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 35 40 45
 Pro Leu Gln Lys Ala Leu Leu Ala Ala Gly Ser Ala Ala Met Ala
 50 55 60
 Leu Tyr Asn Pro Tyr Arg His Asp Met Val Ala Val Leu Gly Glu
 65 70 75
 Thr Thr Gly His Arg Thr Leu Lys Val Leu Arg Asp Gln Met Arg
 80 85 90
 Arg Asp Pro Glu Gly Ala Gln Ile Leu Gln Glu Arg Pro Arg Ile
 95 100 105
 Ser Thr Ser Thr Leu Asp Leu Gly Lys Leu Gln Ser Leu Pro Glu
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 Gly Ser Leu Gly Arg Glu Tyr Leu Arg Phe Leu Asp Val Asn Arg
 125 130 135
 Val Ser Pro Asp Thr Arg Ala Pro Thr Arg Phe Val Asp Asp Glu
 140 145 150
 Glu Leu Ala Tyr Val Ile Gln Arg Tyr Arg Glu Val His Asp Met
 155 160 165
 Leu His Thr Leu Leu Gly Met Pro Thr Asn Ile Leu Gly Glu Ile
 170 175 180
 Val Val Lys Trp Phe Glu Ala Val Gln Thr Gly Leu Pro Met Cys
 185 190 195
 Ile Leu Gly Ala Phe Phe Gly Pro Ile Arg Leu Gly Ala Gln Ser
 200 205 210
 Leu Gln Val Leu Val Ser Glu Leu Ile Pro Trp Ala Val Gln Asn
 215 220 225
 Gly Arg Arg Ala Pro Cys Val Leu Asn Leu Tyr Tyr Glu Arg Arg
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<212> DNA

<213> Homo sapiens

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2615

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<212> DNA
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